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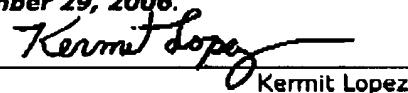
NOV 29 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Alex Nugent**EXAMINER:** Michael J. Caldwell**SERIAL NO.:** 10/748,546**GROUP:** 2129**FILED:** 12/30/2003**ATTY DKT NO.:** 1000-1215**TITLE:** PHYSICAL NEURAL NETWORK LIQUID STATE MACHINE  
UTILIZING NANOTECHNOLOGYCERTIFICATE OF TRANSMISSION BY FACSIMILE

**Please forward all correspondence to:**  
 ORTIZ & LOPEZ, PLLC  
 Patent Attorneys  
 P.O. Box 4484  
 Albuquerque, NM 87196-4484

*I hereby certify that this correspondence is  
 being transmitted to the Commissioner for  
 Patents, P.O. Box 1450, Alexandria, VA  
 22313-1450 by facsimile transmission  
 to the following fax number (571) 273-8300  
 on November 29, 2006.*



Kermit Lopez

Mail Stop Non-Fee Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

AMENDMENTS AND REPLY TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated October 27, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Remarks begin on Page 9 of this Paper.

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